

**COMBINED DECLARATION AND POWER OF ATTORNEY**  
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: **DISPOSABLE HARD MASK FOR MEMORY BITLINE SCALING**

the specification of which

☒ is attached hereto, or

☐ was filed as United States Application No.:  
Application or PCT International (Express Mail Label No.)  
Application (give Express Mail label Filing Date:  
number and deposit date if (Deposit Date)  
Application number not yet known): Amended on (if applicable):

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations § 1.56(a).

**CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S) UNDER 35 U.S.C. 120**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose material information as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application No.	Filing Date	Patent Number

**CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. 119(e)**

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application(s) that is/are listed below

Application No.	Filing Date

## POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Name	Registration No.	Name	Registration No.
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Mark D. Saralino	34,243	M. David Galin	41,767
Jonathan A. Platt	41,255	Cynthia S. Murphy	33,430
Thomas W. Adams	35,047	Joseph J. Crimaldi	41,690
Jason A. Worgull	48,044	Andrew Romero	43,890
Mark C. Johnson	51,854	Todd R. Tucker	40,850
Kenneth W. Fafrak	50,689	Timothy E. Manning	48,964
Elizabeth A. Apperley	36,428	Michael Caywood	37,797
Paul S. Drake	33,491	Harry A. Wolin	32,638
Bradley Botsch	34,552	Daniel R. Collopy	33,667
Kent Cooper	37,296	Keith Witek	37,475

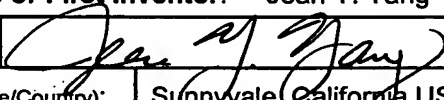
## Send Correspondence To:

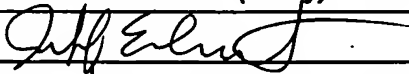
Andrew Romero  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

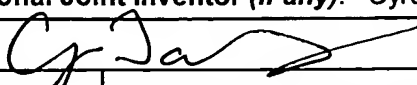

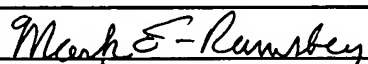
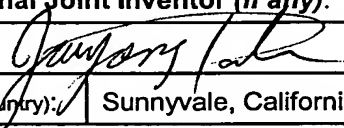
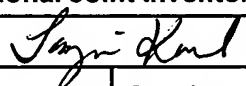
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CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

- ☒ Signatur for third and subsequent joint inventors. Number of pages added 1.  
☐ Added page to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (CIP) application.  
☐ This declaration ends with this page.

**ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR SIGNATURE BY THIRD AND SUBSEQUENT INVENTORS**

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